

1 ggccggacag tccgccgagg tgctcgggtg agtcatggca gtgccctttg tggaagactg
61 ggacttggtg caaaccttg gagaaaggtgc ctatggagaa gtccaacttg ctgtgaatag
121 agtaactgaa gaagcagtcg cagtgaagat ttagatatg aagcgtgccg tagactgtcc
181 agaaaaatatt agaaaagaga tctgtatcaa taaaatgcta aatcatgaaa atgtagtaaa
241 attctatggt cacaggagag aaggcaatat ccaatattta tttctggagt actgtagtgg
301 aggagagctt tttagacagaa tagagccaga cataggcatg cctgaaccag atgctcagag
361 attcttccat caactcatgg cagggtgggt ttatctgcat ggtattggaa taactcacag
421 ggatatataa ccagaaaatc ttctgttggg tgaaagggat aacctcaaaa tctcagactt
481 tggcttgga acagtatttc ggtataataa tctgtagcgt ttgttgaaca agatgtgtgg
541 tactttacca tatgttgctc cagaacttct gaagagaaga gaatttcatg cagaaccagt
601 tgatgtttgg tcctgtggaa tagtacttac tgcaatgctc gctggagaaat tgccatggga
661 ccaaccagtg gacagctgtc aggagtattc tgactggaaa gaaaaaaaa catacctcaa
721 cccttgaaa aaatcgatt ctgctcctct agctctgctg cataaaatct tagttgagaa
781 tccatcagca agaattacca ttccagacat caaaaagat agatggtaca aaaaaccct
841 caagaaagg gcaaaaagg cccgagtcac ttcaggtggt gtgtcagagt cttccagtgg
901 attttctaag cacattcaat ccaatttggg ctctctcca gtaaacagtg cttctagtga
961 agaaaatgtg aagtactcca gtctcagcc agaaccgcc acaggtcttt ctttatggga
1021 taccagccc tcatacatg ataatgtgt ataatgtgt acaaggatc agcttttccc agcccacatg
1081 tctgatcat atgttttga atagtcagtt acttggcacc ccaggatcct cacagaaccc
1141 ctggcagcgg ttggtcaaaa gaatgacacg attctttacc aaattggatg cagacaaaac
1201 ttatcaatgc ctgaaagaga cttgtgagaa gttgggctat caatgggaaaga aaagtgtgtat
1261 gaatcagggt actatatcaa caactgatag gaaaaacaat aaactcattt tcaaaagtga
1321 ttgtttagaa atggatgata aaatatgtgt tgacttccgg ctttctaaagg gtgatggatt
1381 ggagttcaag agacacttcc tgaagattaa agggaagctg attgatattg tgagcagcca
1441 gaaggtttgg cttcctgcca catgatcggg ccacgggctc tggggaatcc tgggtgaatat
1501 agtgcgtgcta tgttgacatt attcttccta gagaagatta tcctgtcctg caaactgcaa
1561 atagtagttc ctgaagtgtt cacttccctg ttatatccaaa catcttccaa tttattttgt
1621 ttgttcggca tacaataaat acctatatct taattgtaag caaaactttg gggaaaaggat
1681 gaatagaatt catttgatta tttcttcctg tgtgtttagt atctgaattt gaaactcatc
1741 tggtggaac caagtttcag gggacatgag tttccagct ttatatacaca cgtatctcat
1801 tttatcaaa acattttgtt t

FIG. 1

MAVPFVEDWDLVQTLGEGAYGEVQLAVNRVTEEAVALVKIVDMKR
 AVDCPENIKKEICINKMLNHENVVKFYGHRREGNIQYLFLEYCS
 GGELFDRIEPDIGMPEPDAQRFHQLMAGVVYLHGIGITHRDIK
 PENLLDERDNLKISDFGLATVFRYNNRERLLNKMCGTLPYVAP
 ELLKRREFHAEPVDVWSCGIVLTAMLAGELPWDQPSDSCQEYSD
 WKEKKTYLNPWKKIDSAPLALLHKILVENPSARITIPDIKKDRW
 YNKPLKKGAKRPRVTSGGVSESPSGFSKHIQSNLDFSPVNSASS
 EENVKYSSSQPEPRTGLSLWDTSPSYIDKLVOGISFSQPTCPDH
 MLLNSQLLGTGPGSSQNPWQRLVKRMTRFFTKLDADKSYQCLKET
 CEKLG YQWKSCMNQVTISTDRNNKLIKVNLLMEMDDKILVD
 FRLSKGDGLEFKRHFLKIKGKLIDIVSSQKVWLPAT

FIG. 2

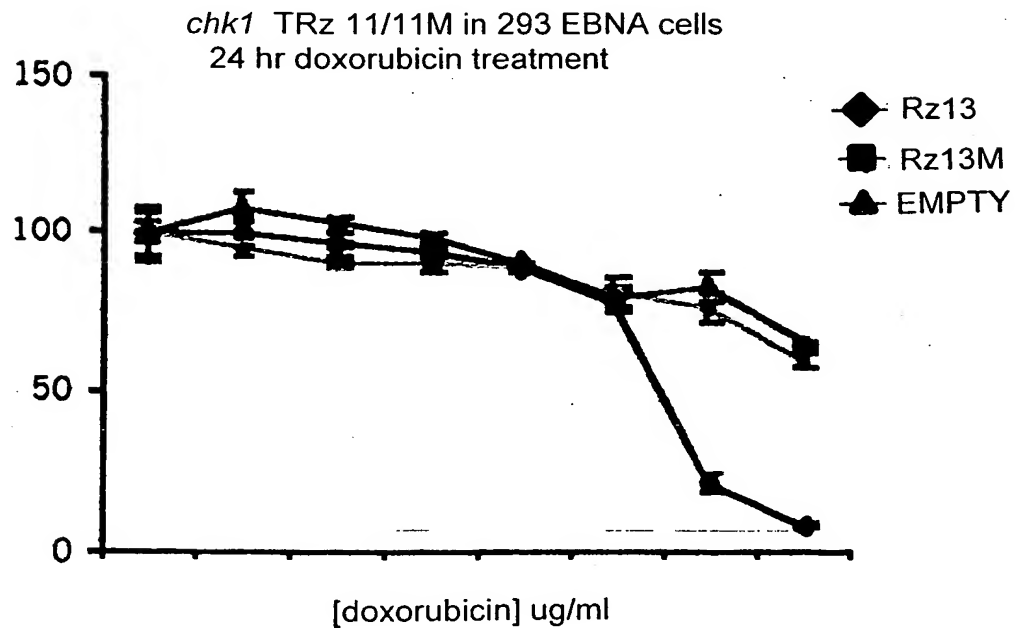
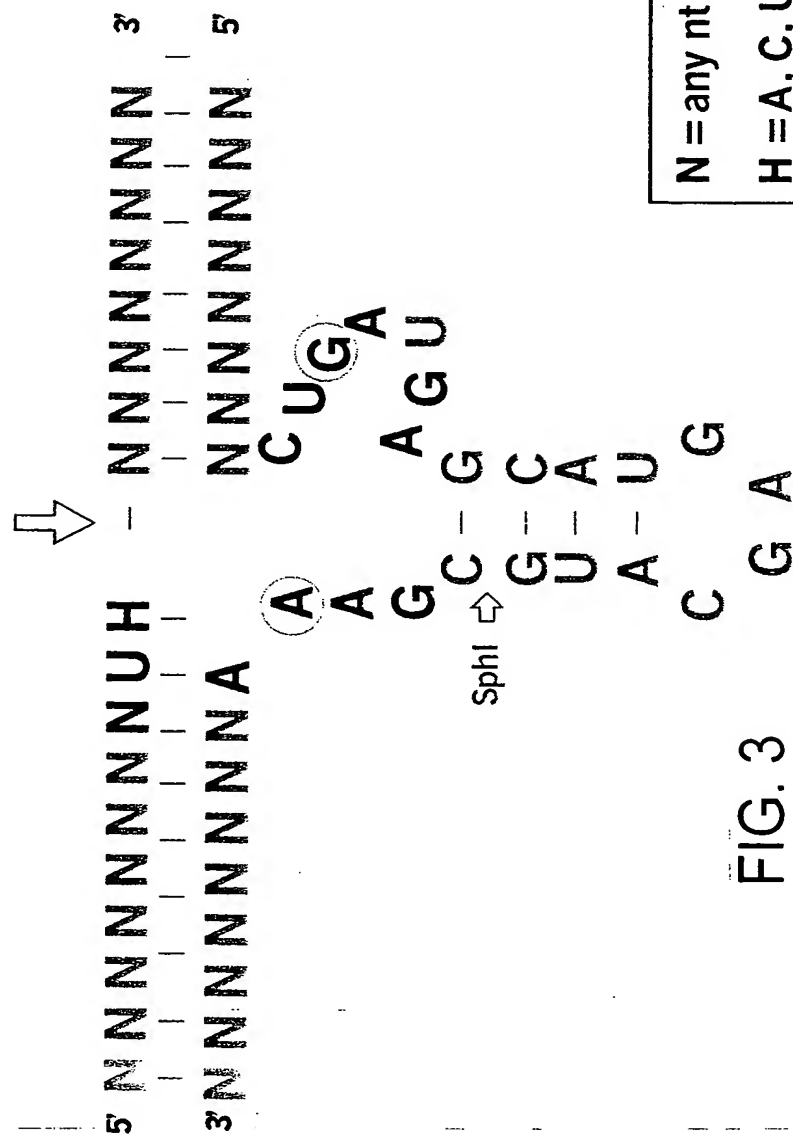


FIG. 5

Hammerhead Ribozyme

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 Title: CHK1 AND USES THEREOF
 Attorney/Agent: Kerri Pollard Schray
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Attorney/Agent: Kerri Pollard Schray

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FIG. 4A

FIG. 4B

FIG. 4

Computational prediction of *chk1* RNA secondary structure

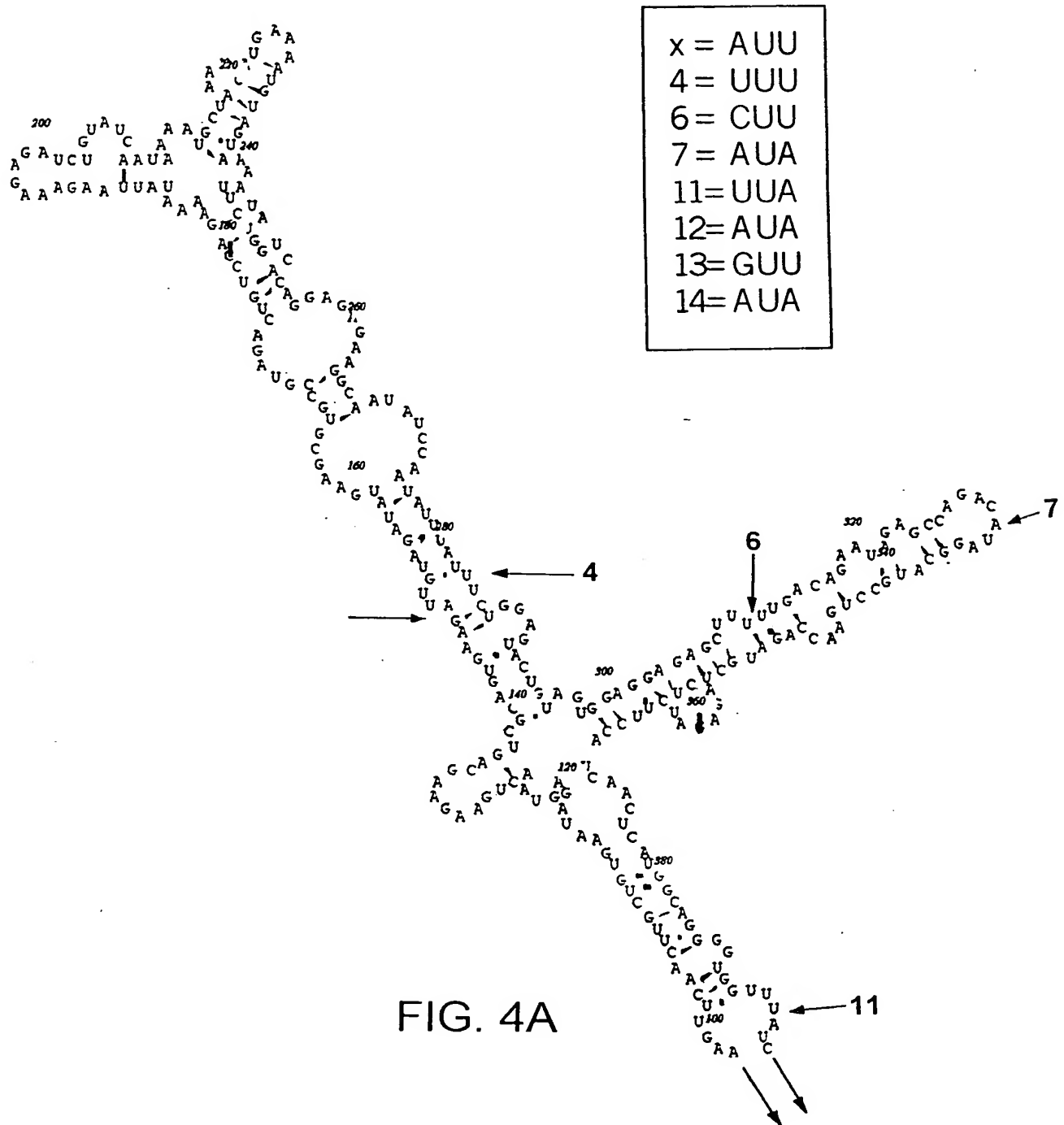


FIG. 4B